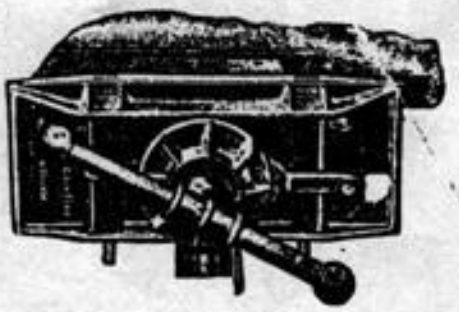
More Than 200,000 in Use Everywhere

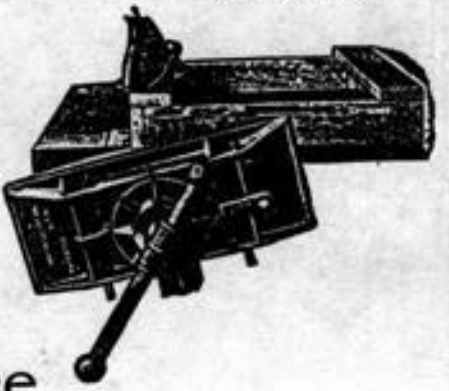
The EMMERT

The Standard Vise for Woodwork of All Kinds

New Improved



UNIVERSAL



Universal Vise

The Emmert Improved Universal Vise

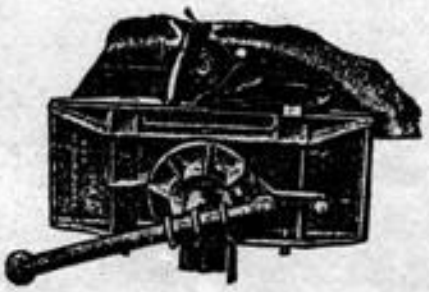
THE NEW "EMMERT" UNIVERSAL WOODWORKER'S VISE is the last word in vise design and construction. Without losing any of the features of a standard vise of this type it combines them all, and adds several points of superiority. Material, workmanship, and finish are of the very best, making it a light (86 lb.) durable and steady tool. All parts are made interchangeable.

It will hold securely all classes of work and can be quickly and easily adjusted to almost any conceivable position. Perpendicularly the vise can be set at any point within a 90 degree arc as well as being rotated and set at any desired point, not only at certain fixed or stop points, within the complete arc of another circle at right angles with the former circle. This can be done without loosening the work in the jaws. No matter how awkward the work may be this feature makes it possible to set the vise in any position offering the greatest ease to the operator, and the work held just as well as if the vise were in its natural position. Wedge shaped work will fit either end of the jaws as they are made to swing pivoted in the center. A large hand-operating adjusting collar makes the adjustment speedy and very simple.

Why an "Emmert"

Working, Not Selling Points

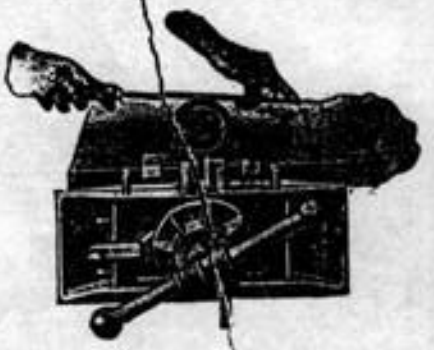
1—All parts are absolutely interchangeable.
2—Easily and quickly handled.
3—Special Web Construction of Jaws Gives Greater Strength by Actual Test With Other Vises. Jaws Will Not Spring.
4—Jaws Can be Revolved in a Complete Circle and Set at ANY Point, instead of Only at Fixed Stops.
5—Jaws Can be Revolved Without Loosening or Removing Work.
6—Can be Adjusted at Either End for Wedge Shapes Instead of Only One End.
7—Taper Adjustment Quickly Secured by Large Hand Adjusting Collar. Can be Locked and Securely Held.
8—Has Set of Steel Faced Jaws Firmly Riveted in Jaws for Holding Metal.
9—Jaws Have Opening Capacity of 15 Inches.
10—A Flat Rack Bar Clamping Through a Slot is Used Instead of a Round Rod Working Through a Clamp Nut to Hold Vise at Any Angle within 90 degrees of Bench. This Insures a More Rigid Support.
11—Vises are Neatly Painted. Attractive in Appearance.
12—Fully Guaranteed in every respect.



Natural Position

For Pattern Shops
Planing Mills
Carpenter Shops
Cabinet Makers
and
Woodworking Plants
of All Kinds

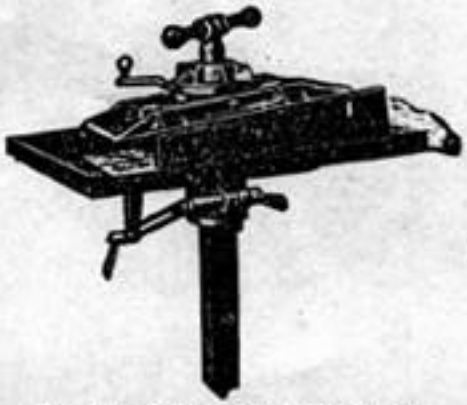
"The Iron Hand"



Metal Lined Jaws In Position

Emmert Manfg. Company - Waynesboro, Pa.

Just a Few of Its Many Positions

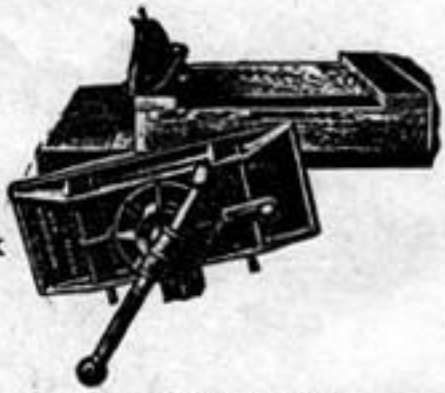


Vise in An Upright Position With Front Jaw at An Angle to Hold Taper Work

The "Emmert" Universal Vise

holds all kinds of work in any position

The Peer of All Wood Workers Vises



Vise in Position to Hold Boxes or Drawers Above Bench Top

THE "EMMERT" UNIVERSAL VISE

Brief Description

The Emmert Universal Vise in position on the side of the work bench is just flush with the top of the bench. In this position it can be unlocked in an instant and swung into any position to suit the convenience of the workman.

Hence you need never twist or bend yourself to suit your work, but just let the vise turn the work in any position or direction and hold it to suit your comfort.

The Emmert Universal Vise has seven pairs of jaws so that it is adapted to grasp any kind of work without regard to irregularity of form.

The main jaws are distinctly useful when thrown into any position desired by the operator. When vertical they hold broader flat pieces above the level of the bench base—ideal positions for dressing panel work, etc.

One pair of these jaws is provided with buttonhole openings, into which varied shaped wood-pads may be placed and instantly fastened, also small square groove into which may be placed and locked the adjustable jaw, self-accommodating to taper regular or irregular work.

When desired the angle of this jaw may be changed by fastening a wedge-shaped piece of wood to it or by lining the face of jaw with wooden forms to suit the work.

Each of the jaws are 7 x 8 inches clear of the vise beam obstruction.

The Emmert Vise will easily pay for itself in one year in the advantage of having the biggest capacity, ease in clamping and holding the plainest work and relieving the mechanic of those strained positions he is forced into on any other vise, enabling him to work in comfort, lessen the strain and tension, and all this helps his efficiency.

SIZES AND PRICES
Emmert Universal Vises List

VISE NO.	SIZE OF JAW	OPENS	WEIGHT	PRICE
1	7 x 18 in.	15 in.	86 lbs.	~~$27.00~~ 42.00
2	5 x 14 in.	12 in.	56 lbs.	~~25.00~~ 35.00

F. O. B. WAYNESBORO, PA., U. S. A.
GUARANTEED SATISFACTORY

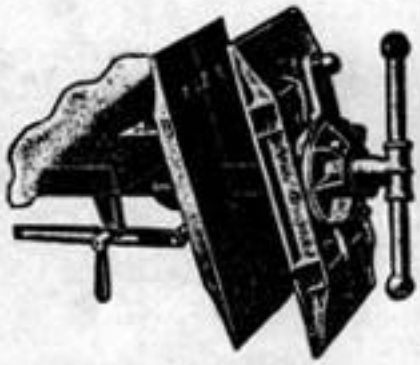
Vise in Upright Position With Angle or Tilting Jaw in Position

Emmert Manfg. Co.

Waynesboro, Pa.

U. S. A.

"The Universal" Saves the Workman's Time



Vise in Position to Hold Work Above Level of Bench Top

The Acme of Success
Indispensable in the Tool Room

The EMMERT

The "Iron Hand"
In Vise Construction

New Improved

Natural Position
"Universal" Vises Hold the Work Conveniently

Vise in Position to Show Work Being Gripped by Two Pairs of Jaws at One Time
5 Pairs of Jaws to Hold the Work

Universal Vise

The Emmert Improved

Tool Makers' & Metal Workers' Universal Vises

GENERAL DESCRIPTION

The Toolmakers' and Metal Workers' Universal Vise stands in service also without a peer, and accomodates itself to every variety of work crdinarily found connected with a toolroom, metal pattern department, machine shop, and all general variety repair and construction work. These metal workers' vises are provided with five pairs of holding jaws, viz., one pair for filing and fitting; one for round or finish work; one for rings, segments, hollow parts, or irregular shapes; one for tapers, round or square, and for smaller metal rods; one for holding cylinders, etc. Three of these jaws are shaped on the vise head, any pair of which may be brought into service singly or together in pairs. Thus when using a three inch jaw for metal work it is just as easy to have the service of a six inch or seven inch jaw by placing the article to be held between two pairs of jaws turned to the position sought and allowing the article held to rest on the vise beam between the jaws. Thus held, all the strength of the double jaw holdings is brought to bear unitedly against the vise block.

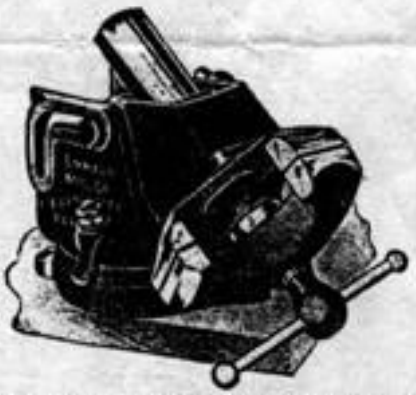
In the same way a four inch (4A) jaw vise may be turned at once to the service of an eight or nine inch jaw capacity, a 6A to a a six or seven inch holding of segments, heavy wheels, rims, etc., in any required position for convenient work.

The round shaped or pivotal jaws are at the same time unique in their varied applications, in that wherein they may be adapted for holding many different things. Properly, they have been denominated the "Variety Jaws." When the triangular shaped taper jaws are placed in position on the pivoted jaws, it is then that their varied uses become more apparent. Seemingly, nothing is too irregular in shape for these jaws to hold. They readily conform to the odd shapes held and at the same time permit of their being swung into the desired position for work, whether vertical, horizontal, or angular.

Vise in Position to Show Use of Round Jaws Holding Large Rings

For Tool Makers
Machinists
Assemblers
Model Makers
Metal Pattern Makers
Automobile Repair Work, Etc.

"The Iron Hand"



Vise at An Angle to Bring Work in a Position to Be Worked On With Convenience to the Worker

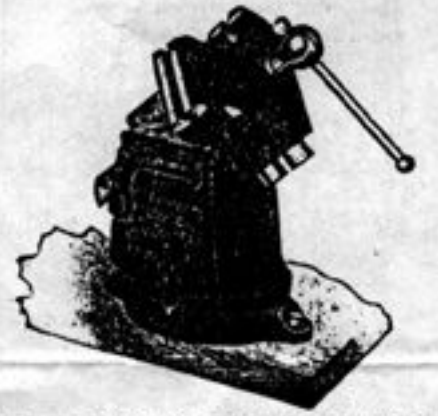
Emmert Manfg. Company - Waynesboro, Pa.

The Metal Workers Friend—"The Universal"

Try a "Universal" and Be Convinced

A Great Time Saver in the Tool Room *"Universal" Vises Are Sold on Approval*

A Few of Its Many Positions



Vise at An Angle: One of the Most Convenient Positions for the Tool Maker and Impossible to Obtain in Any Other Vise On the Market

The "Emmert" Universal Vise

holds all kinds of work in any position

The Peer of All Metal Workers Vises

Vise in Upright Position. Adaptable to All Heights

THE "EMMERT" UNIVERSAL VISE

General Description (Continued)

Reversed on a single pivot they are in position to hold three-cornered pieces; reversed on both pivots, they are in position for bending flat bars of soft iron (within the jaw capacity) at angles to or from the operator.

The users of these tools are not only fully served in all varied conditions and positions called out by variety work, but the worker is at once delighted with the matter of having at hand tools so like the human hand in action for prompt and effective service.

The users of these tools unanimously agree that they are indispensable in every factory where machinery and the keeping of it in repair is a consideration.

Wood and metal pattern makers, model makers, tool makers, machinists, and all general automobile repair men are likewise enthused with their profitable operations and service, which service they unite in commending to others who have as yet not become acquainted with the uses and advantages of these tools.

It is called the "Emmert Universal" because it is *universally practical, universally convenient, universally economical,* and *universally satisfactory* in service.

Some call it the "Iron Hand;" others "The Acrobat;" still others the "Inhuman Human Hand." Try one. The service is always there.

SIZES AND PRICES

New Improved Tool Makers' and Metal Workers' Universal Vises

VISE No.	SIZE OF JAW	OPENS	WEIGHT	PRICE
4a	4 in.	6 in.	100 lbs.	~~$30.00~~
6a	3 in.	5 in.	55 lbs.	~~25.00~~

F. O. B. WAYNESBORO, PA.

Vise in Position to Hold Tapered Work of All Description

Emmert Manfg. Co.

Waynesboro, Pa.

U. S. A.

"The Universal" Saves the Workman's Time

Vise in Position to Show Work Being Gripped by Two Pairs of Jaws at One Time

Convience in Operation—Economy in Time *The Final Word—Perfect Service*